Serial No.: 09/904,676

Amendment Dated: April 22, 2004

Reply to Office Action of March 10, 2004

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the above-captioned patent application:

## **Listing of Claims:**

- 1-16 (Cancelled)
- 17. (Currently Amended) An air handling unit that includes:

a series of three dimensional frames that are connected to form a passage for conducting air;

each frame having side pieces partially defining rectangular openings in a top, bottom and two side sections;

a panel mounted in each of said openings for closing said openings, each of said panels including a front and back cover that are held in spaced apart relationship by a panel perimeter member and a foam material filling the space between the front cover and the back cover;

each of said side pieces having a compressible seal affixed thereto, and arranged to be compressed against an inside surface of a panel when an outer surface of said panel is flush with an outer surface of the frame thereby sealing said panel in a respective opening

at least one of said panels being connected to a side piece of one frame opening by a living hinge so that the hinged panel can move between an open position and a closed position within said one frame opening, said living hinge including an edge extrusion that is integrally formed with said hinged panel perimeter member, a mounting flange connected to said side piece of said frame, and a hinge section for connecting the edge extrusion and the mounting flange together; and

a latching means for securing said hinged panel in said closed position within said one frame opening wherein said hinged panel is locked in sealing contact with a seal.

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- 18. (Cancelled)
- 19. (Cancelled)
- 20. (Previously Amended) The air handling unit of claim 17 wherein a second hinged panel is connected by a living hinge to a second end piece of the one frame opening and wherein said latching means is arranged to act between the two hinged panels to secure the hinged panels in the closed position.